

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

6309.NCP

Serial No.

09/88,461

Applicant RL Henrikson, MJ Bienkowski

Filing Date April 17, 2001

Group 164

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
mm	AA	4,373,023	Feb. 8, 1983	RS Langer, R Linhardt, CL Cooney, PM Galliher, MM Flanagan, MD Klein	A01N	1/02	Oct. 14, 1980
	AB	4,863,611	Sep. 5, 1989	H Bernstein, MA Wheatley, RS Langer	B01D	15/02	Apr. 30, 1987
	AC	5,211,850	May 18, 1993	U Shettigar, JC McRea,	B01D	61/00	Jul. 26, 1991
mm	AD	5,567,417	Oct. 22, 1996	R Sasisekharan, MA Moses, MA Nugent, CL Cooney, RS Langer	A61K	38/51	May 1, 1995

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
mm	AE	WO 91/02977	Mar. 7, 1991	World	G01N	33/53	X	
	AF	WO 91/09955	July 11, 1991	World	C12N	15/67	X	
	AG	WO 91/18982	Dec. 12, 1991	World	C12N	15/12	X	
	AH	WO 92/20808	Nov. 26, 1992	World	C12N	15/85	X	
	AI	WO 93/11236	June 10, 1993	World	C12N	15/13	X	
	AJ	WO 94/12650	June 9, 1994	World	C12N	15/90	X	
	AK	WO 97/09433	Mar. 13, 1997	World	C12N	15/54	X	
	AL	WO 97/11684	Apr. 3, 1997	World	A61K	9/14	X	
	AM	WO 98/03638	Jan. 29, 1998	World	C12N	9/24	X	
mm	AN	EP 0367566	Oct. 31, 1989	Europe	C12N	15/12	X	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Adv. Appl. Math. 2: 482-489 (1981)
mm	AP	Anderson, W.F., <i>Human gene therapy</i> . Nature, 1998. 392(6679 Suppl): p. 25-30
	AQ	Aujame, L., F. Geoffroy, and R. Sodoyer, <i>High affinity human antibodies by phage display</i> . Hum Antibodies, 1997. 8(4): p. 155-68
	AR	Ausubel, et al., ed., in Short Protocols in Molecular Biology, 2 <sup>nd</sup> edition, John Wiley & Sons, publishers, pg. 16-49, 1992
mm	AS	Ausubel, et al. (Eds.), Protocols in Molecular Biology, John Wiley & Sons (1994), pp. 6.0.3 to 6.4.10

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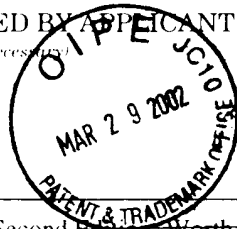
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	AT	Biochemistry, Second Edition, Worth Publishers, Inc. NY, NY (1975), pp. 71-77
mm2	AU	Bruggemann, M. and M.S. Neuberger, <i>Strategies for expressing human antibody repertoires in transgenic mice</i> . Immunol Today, 1996. <b>17</b> (8): p. 391-7
	AV	Bruggemann, M. and M.J. Taussig, <i>Production of human antibody repertoires in transgenic mice</i> . Curr Opin Biotechnol, 1997. <b>8</b> (4): p. 455-8
	AW	Capecchi, M.R., <i>Altering the genome by homologous recombination</i> . Science, 1989. <b>244</b> (4910): p. 1288-92
	AX	Choo, Y., et al., <i>Promoter-specific activation of gene expression directed by bacteriophage-selected zinc fingers</i> . J Mol Biol, 1997. <b>273</b> (3): p. 525-32
	AY	Cosman, D., et al., <i>Cloning, sequence and expression of human interleukin-2 receptor</i> . Nature, 1984. <b>312</b> (5996): p. 768-71
	AZ	Cosman, D., et al., <i>High level stable expression of human interleukin-2 receptors in mouse cells generates only low affinity interleukin-2 binding sites</i> . Mol Immunol, 1986. <b>23</b> (9): p. 935-41
	BA	Dayhoff, in <i>Atlas of Protein Sequence and Structure</i> , Vol. 5, p. 124, National Biochemical Research Foundation, Washington, D.C. (1972)
	BB	Erllich H. A., ed., <i>PCR Technology</i> , Stockton Press, New York, 1989:
	BC	Foote, J. and G. Winter, <i>Antibody framework residues affecting the conformation of the hypervariable loops</i> . J Mol Biol, 1992. <b>224</b> (2): p. 487-99.
	BD	Friedman, Science, 244: 1275-1281 (1989)
	BE	Gluzman, Y., <i>SV40-transformed simian cells support the replication of early SV40 mutants</i> . Cell, 1981. <b>23</b> (1): p. 175-82.
	BF	Godder, K., et al., <i>Heparanase activity in cultured endothelial cells</i> . J Cell Physiol, 1991. <b>148</b> (2): p. 274-80.
	BG	Greisman, H.A. and C.O. Pabo, <i>A general strategy for selecting high-affinity zinc finger proteins for diverse DNA target sites</i> . Science, 1997. <b>275</b> (5300): p. 657-61
	BH	Haimovitz-Friedman, A., et al., <i>Activation of platelet heparitinase by tumor cell-derived factors</i> . Blood, 1991. <b>78</b> (3): p. 789-96
	BI	Harlow et al. (Eds), <i>Antibodies A Laboratory Manual</i> ; Cold Spring Harbor Laboratory; Cold Spring Harbor, NY (1988), Chapter 6
	BJ	Fairbanks MB et al. <i>Processing of the human heparanase precursor and evidence that the active enzyme is a heterodimer</i> . 1999 Journal of Biological Chemistry. 274(42):29587-90
	BK	Hoogenboom, HR <i>Designing and optimizing library selection strategies for generating high-affinity antibodies</i> . Trends Biotechnol, 1997. <b>15</b> (2): p. 62-70
	BL	Hoogewerf, A.J., et al., <i>CXC chemokines connective tissue activating peptide-III and neutrophil activating peptide-2 are heparin/heparan sulfate-degrading enzymes</i> . J Biol Chem, 1995. <b>270</b> (7): p. 3268-77.
	BM	Hopp, T.P. and K.R. Woods, <i>A computer program for predicting protein antigenic determinants</i> . Mol Immunol, 1983. <b>20</b> (4): p. 483-9
mm2	BN	Hopp, T.P. and K.R. Woods, <i>Prediction of protein antigenic determinants from amino acid sequences</i> . Proc Natl Acad Sci U S A, 1981. <b>78</b> (6): p. 3824-8.

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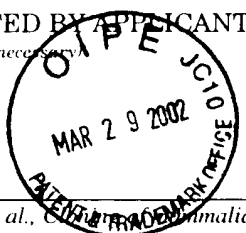
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	BP	Innis M. A., et al. eds <i>PCR Protocols: A Guide to Methods and Applications</i> 1990, Academic Press, Inc., New York
	BQ	Jones, P.T., et al., <i>Replacing the complementarity-determining regions in a human antibody with those from a mouse</i> . Nature, 1986. 321(6069): p. 522-5
	BR	Kettleborough, C.A., et al., <i>Humanization of a mouse monoclonal antibody by CDR-grafting: the importance of framework residues on loop conformation</i> . Protein Eng, 1991. 4(7): p. 773-83.
	BS	Khan, M.Y. and S.A. Newman, <i>A rapid colorimetric assay for heparinase activity</i> . Anal Biochem, 1991. 196(2): p. 373-6
	BT	Kim, J.S., et al., <i>Design of TATA box-binding protein/zinc finger fusions for targeted regulation of gene expression</i> . Proc Natl Acad Sci U S A, 1997. 94(8): p. 3616-20.
	BU	Klein, U. and K. Von Figura, <i>Partial purification and characterization of heparan sulfate specific endoglucuronidase</i> . Biochem Biophys Res Commun, 1976. 73(3): p. 569-76
	BV	Kosir, M.A., et al., <i>Human prostate carcinoma cells produce extracellular heparanase</i> . J Surg Res, 1997. 67(1): p. 98-105
	BW	Kussic, P.H. et al. <i>Cloning and Functional Expression of a Human Heparanase Gene</i> , Biochem. Biophys. Res. Comm. 1999 261:183-187
	BX	Langer et al. <i>Biomaterials: Inter-facial Phenomenon and Applications</i> , Cooper et al., eds., pp. 493-509 (1982)
	BY	Lehninger, <i>Biochemistry</i> , Second Edition; Worth Publishers, Inc. NY:NY (1975), pp.71-77
	BZ	Liu, Q., et al., <i>Design of polydactyl zinc-finger proteins for unique addressing within complex genomes</i> . Proc Natl Acad Sci U S A, 1997. 94(11): p. 5525-30
	CA	Luckow and Summers, <i>Bio/Technology</i> 6:47 (1988)
	CB	Margalit, H., et al., <i>Prediction of immunodominant helper T cell antigenic sites from the primary sequence</i> . J Immunol, 1987. 138(7): p. 2213-29
	CC	Matzner, Y., et al., <i>Subcellular localization of heparanase in human neutrophils</i> . J Leukoc Biol, 1992. 51(6): p. 519-24.
	CD	McColl, D.J., C.D. Honchell, and A.D. Frankel, <i>Structure-based design of an RNA-binding zinc finger</i> . Proc Natl Acad Sci U S A, 1999. 96(17): p. 9521-6.
	CE	Miller, A.D., <i>Human gene therapy comes of age</i> . Nature, 1992. 357(6378): p. 455-60.
	CF	Morrison and Oi, <i>Adv. Immunol.</i> 44: 65-92 (1989)
	CG	Nakajima et al. Anal. Biochem. 196: 162-171, 1986
	CH	Nakajima, M., T. Irimura, and G.L. Nicolson, <i>Tumor metastasis-associated heparanase (heparan sulfate endoglycosidase) activity in human melanoma cells</i> . Cancer Lett, 1986. 31(3): p. 277-83.
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mmor	Olson, H. and P. Berg, A cDNA cloning vector that permits expression of cDNA inserts in mammalian cells. Mol Cell Biol. 1983. 3(2): p. 280-9		
CK	Padlan, Molecular Immunol., 28(4/5):489-98 (1991)		
CL	Parish, C.R., et al., Evidence that sulphated polysaccharides inhibit tumour metastasis by blocking tumour-cell-derived heparanases. Int J Cancer, 1987. 40(4): p. 511-8		
CM	Rader, C. and C.F. Barbas, 3rd. Phage display of combinatorial antibody libraries. Curr Opin Biotechnol. 1997. 8(4): p. 503-8		
CN	Rapraeger, A.C., A. Krufka, and B.B. Olwin, Requirement of heparan sulfate for bFGF-mediated fibroblast growth and myoblast differentiation. Science, 1991. 252(5013): p. 1705-8		
CO	Riechmann, L., et al., Reshaping human antibodies for therapy. Nature, 1988. 332(6162): p. 323-7.		
CP	Sambrook, et al., (Eds.), Molecular Cloning: A Laboratory Manual. Cold Spring Harbor Laboratory Press: Cold Spring Harbor, New York (1989), pp. 9.47 to 9.51		
CQ	Savion, N., M.H. Disatnik, and Z. Nevo, Murine macrophage heparanase. inhibition and comparison with metastatic tumor cells. J Cell Physiol, 1987. 130(1): p. 77-84.		
CR	Segal, D.J., et al., Toward controlling gene expression at will: selection and design of zinc finger domains recognizing each of the 5'-GNN-3' DNA target sequences. Proc Natl Acad Sci U S A, 1999. 96(6): p. 2758-63		
CS	Sewell, R.F., P.E. Brenchley, and N.P. Mallick, Human mononuclear cells contain an endoglycosidase specific for heparan sulphate glycosaminoglycan demonstrable with the use of a specific solid-phase metabolically radiolabelled substrate. Biochem J, 1989. 264(3): p. 777-83		
CT	Shively, J.E. and H.E. Conrad, Formation of anhydrosugars in the chemical depolymerization of heparin. Biochemistry, 1976. 15(18): p. 3932-42		
CU	Tempest, P.R., et al., Reshaping a human monoclonal antibody to inhibit human respiratory syncytial virus infection in vivo. Biotechnology (N Y), 1991. 9(3): p. 266-71		
CV	Toyoshima, M. et al. Human heparanase: Purification, characterization, cloning and expression. J. Biol. Chem. 274:29587-29590		
CW	Verhoeven, M., C. Milstein, and G. Winter, Reshaping human antibodies: grafting an antilysozyme activity. Science, 1988. 239(4847): p. 1534-6		
CX	Verma, I.M., Gene therapy. Sci Am, 1990. 263(5): p. 68-72, 81-4		
CY	Vettel, U., et al., Coordinate secretion and functional synergism of T cell-associated serine proteinase-1 (MTSP-1) and endoglycosidase(s) of activated T cells. Eur J Immunol, 1991. 21(9) p. 2247-51		
CZ	Van Regenmortel, M.H.V., 1986. Trends in Biological Sciences 11: 36-39.		
DA	Vlodavsky, I., et al., Expression of heparanase by platelets and circulating cells of the immune system: possible involvement in diapedesis and extravasation. Invasion Metastasis, 1992. 12(2): p. 112-27.		
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		1999 Nature Medicine. 5(7):793-802			
	DC	Wu, H., W.P. Yang, and C.F. Barbas, 3rd. <i>Building zinc fingers by selection: toward a therapeutic application</i> . Proc Natl Acad Sci U S A, 1995. 92(2): p. 344-8			
<i>mm</i>	DD	Yahalom, J., et al., <i>Differentiating human leukemia cells express heparanase that degrades heparan sulfate in subendothelial extracellular matrix</i> . Leuk Res, 1988. 12(9): p. 711-7			
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